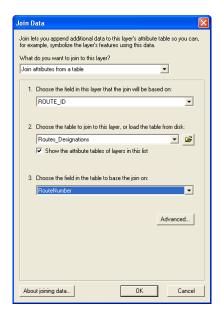Trans_asdo contains both route inventory data and a route network that is designed to be linked to a route designation database. This database (ASDO_ Potentail_Route_Designation_ Data010605.mdb), contains potential route designations for each of the five alternatives in the Arizona Strip DEIS/RMP. This document contains the process for making this link and the field definitions of the Microsoft Access database.

The Process
A Route Network was generated in ARCINFO Workstation and is embedded in trans_asdo as DESIGNATED. This network can be linked to the Route Designation database to spatially portray potential designations for individual routes for each of the ASDO DEIS alternatives.

This can be done in ESRI's ArcGIS Suite using ArcMap. When you add trans_asdo GIS layer to ArcMap, drill down until you can add route.designated. Under the properties of the GIS layer, click on the tab for 'Joins & Relates'. Under 'Joins', and click 'Add'. Choose 'Route_Id' for the field to use from the GIS layer. Under step 2, navigate to the access database called 'ASDO_ Potentail_Route_Designation_ Data010605.mdb'. Drill down and select 'Route_Designations' table. Under step 3, choose RouteNumber. Then click 'OK'.

You can now display the GIS data in any number of ways based on the new information from the Access Database.

For more information of the Route Evaluation and Potential Designation Process, please refer to Appendix 2.T in the Draft RMP/EIS for the Arizona Strip District Office. This dataset was prepared and acquired for use in the ASDO resource management planning process.

Field Definitions for Access Database: Route Data.mdb

1. **Field Definitions – Routes (Table)**
   a. RouteNumber

     i. Identifies individual routes that are part of the route designation process. This is the attribute field that is used to link to GIS.

b. AgencyRouteName
     i. Identifies a secondary route identification linked to agency-specific naming convention (name or number).

c. RouteSubRegion
     i. Identifies the subregion in which the route is located.

d. RouteSubSubRegion
     i. Identifies the sub-subregion in which the route is located.

e. UTM_N
     i. Together with the UTM_E, this is the northing UTM at a point along/near the route.

f. UTM_E
     i. Together with the UTM_N, this is the easting UTM at a point along/near the route.

g. PrincipalFeederTrunk
     i. Identifies if the route is considered a principal feeder/trunk route.

h. NotPrincipalFeeder
     i. Identifies if the route is not a principal feeder/trunk route.

i. RouteLength
     i. The length of each route in miles.

j. Connector
     i. Identifies if the route or part of the route connects at least two routes.

k. Loop
     i. Identifies if the route or part of the route is considered a loop or part of a loop route.

l. Spur
     i. Identifies if the route or part of the route is considered a spur.

m. Construction
     i. Identifies if the route or part of the route shows evidence of construction.

n. ConstructionType
     i. Identifies the type of evidence of construction.

o. RegularyMaintained
     i. Identifies if the route is subject to regular maintenance.

p. SingleTrack
     i. Identifies the average width of the route as being single track.

q. DualTrack
     i. Identifies the average width of the route as being two track.

r. Use
     i. It defines the general use level of the route. It is based on defined fields in the GIS data and knowledge of the agency staff.

s. ClientMisc1

        i.   Field for client-specific information not addressed in other fields. For this project, ClientMisc1 identifies whether a route is county maintained.

t.   ClientMisc2
        i.   Field for client-specific information not addressed in other fields. For this project, ClientMisc2 identifies whether the route is suitable / identified / slated for disposal.

u.   JurisBLM
        i.   Identifies the BLM has jurisdiction over all or part of this route.

v.   JurisUSFS
        i.   Identifies the Forest Service has jurisdiction over all or part of this route.

w.   JurisState
        i.   Identifies the State has jurisdiction over all or part of this route.

x.   JurisMilitary
        i.   Identifies the Military has jurisdiction over all or part of this route.

y.   JurisPrivate
        i.   Identifies that all or part of this route leads to or crosses private property.

z.   JurisOther
        i.   Identifies another agency/agencies or entity/entities has jurisdiction over all or part of this route.

aa. JurisOtherText
        i.   Identifies the specific agency/agencies or entity/entities that has jurisdiction over all or part of this route.

bb. Interviewer
        i.   Identifies the facilitator of the route evaluation meeting.

cc. Interviewee
        i.   Identifies the participants in the route evaluation meeting.

dd. RouteMemo
        i.   Memo field for adding in any additional information about the route.

ee. Q1
        i.   Response to Question A of the Route Evaluation Tree.

ff. Q1RightOfWay
        i.   Identifies whether the route is an officially recognized right-of-way when Question A has been answered affirmatively.

gg. Q1CountyRoad
        i.   Identifies whether the route is a county road when Question A has been answered affirmatively.

hh. Q1StateRoute
        i.   Identifies whether the route is a state route when Question A has been answered affirmatively.

ii. Q1FLMPA
        i.   Identifies whether the route is a FLPMA right-of-way when Question A has been answered affirmatively.

jj.   Q2
  i.   Response to Question C of the Route Evaluation Tree when Question A has been answered affirmatively.

kk.   Q2a
  i.   Identifies whether the route provides commercial, private property or administrative access when Question C is answered affirmatively.

ll.   Q2b
  i.   Identifies whether the route is a regional route that serves more than one planning subregion when Question C is answered affirmatively.

mm. Q2c
  i.   Identifies whether the route is a principal means of connectivity within a subregion when Question C is answered affirmatively.

nn.   Q2d
  i.   Identifies whether the route is officially recognized as part of a Federal planning document and is subject to maintenance when Question C is answered affirmatively.

oo.   Q3
  i.   Identifies "Done" if the drop-down menus have been populated when Question A or C have been answered affirmatively.

pp.   Q4
  i.   Response to Questions B, F or G of the Route Evaluation Tree, depending upon which branch is followed.

qq.   Q5
  i.   Response to Questions D, H or J of the Route Evaluation Tree, depending upon which branch is followed.

rr.   Q6
  i.   Response to Questions E, I or K of the Route Evaluation Tree, depending upon which branch is followed.

ss.   Q6a
  i.   Identifies "Monument Values" as an impact when Question E, I or K is answered affirmatively.

tt.   Q6b
  i.   Identifies "Habitat Fragmentation" as an impact when Question E, I or K is answered affirmatively.

uu.   Q6c
  i.   Identifies "Sensitive Soils/Erosion" as an impact when Question E, I or K is answered affirmatively.

vv.   Q7
  i.   Response to Questions L, M, N, O, P, Q, R, S, T, U, V or W of the Route Evaluation Tree, depending upon which branch is followed.

ww. Q8
  i.   Response to Questions X, Z, BB, DD, FF or HH of the Route Evaluation Tree, depending upon which branch is followed.

xx.   Q8Yes

i. Identifies the reason the route is considered redundant when Question X, Z, BB, DD, FF or HH is answered affirmatively.

yy.   Q8Noa

i. Identifies whether commercial/administrative uses are the primary reason the route is not redundant when Question X, Z, BB, DD, FF or HH is answered negatively.

zz.   Q8Nob

i. Identifies whether private property uses are the primary reason the route is not redundant when Question X, Z, BB, DD, FF or HH is answered negatively.

aaa.   Q8Noc

i. Identifies whether public uses are the primary reason the route is not redundant when Question X, Z, BB, DD, FF or HH is answered negatively.

bbb.   Q8Nod

i. Identifies whether there are other reasons the route is not redundant when Question X, Z, BB, DD, FF or HH is answered negatively.

ccc.   Q8NodText

i. Identifies the specific other reasons the route is not redundant when Question X, Z, BB, DD, FF or HH is answered negatively and other reasons the route is not redundant is answered affirmatively.

ddd.   Q9

i. Response to Questions JJ, KK or LL of the Route Evaluation Tree, depending upon which branch is followed.

eee.   Q9Yes

i. Identifies the reason the route is considered redundant when Question JJ, KK or LL is answered affirmatively.

fff.   Q9Noa

i. Field not currently utilized by the software. Field is a placeholder for future programming.

ggg.   Q9Nob

i. Field not currently utilized by the software. Field is a placeholder for future programming.

hhh.   Q9Noc

i. Identifies whether public uses are the primary reason the route is not redundant when Question JJ, KK or LL is answered negatively.

iii.   Q9Nod

i. Identifies whether there are other reasons the route is not redundant when Question JJ, KK or LL is answered negatively.

jjj.   Q9NodText

i. Identifies the specific other reasons the route is not redundant when Question JJ, KK or LL is answered negatively and other reasons the route is not redundant is answered affirmatively.

kkk.   Q10

       i. Response to Questions Y, AA, CC, EE, GG or II of the Route Evaluation Tree, depending upon which branch is followed.

lll.   Q10Yes

       i. Identifies the reason the route is considered redundant when Question Y, AA, CC, EE, GG or II is answered affirmatively.

mmm. Q10Noa

       i. Identifies whether commercial/administrative uses are the primary reason the route is not redundant when Question Y, AA, CC, EE, GG or II is answered negatively.

nnn. Q10Nob

       i. Identifies whether private property uses are the primary reason the route is not redundant when Question Y, AA, CC, EE, GG or II is answered negatively.

ooo. Q10Noc

       i. Field not currently utilized by the software. Field is a placeholder for future programming.

ppp. Q10Nod

       i. Identifies whether there are other reasons the route is not redundant when Question Y, AA, CC, EE, GG or II is answered negatively.

qqq. Q10NodText

       i. Identifies the specific other reasons the route is not redundant when Question Y, AA, CC, EE, GG or II is answered negatively and other reasons the route is not redundant is answered affirmatively.

rrr.   FinalBox

       i. Identifies the final question reached in the Route Evaluation Tree before the rosette and how that final question was answered (yes/no).

sss.   RecomOpen

       i. Identifies the unique number assigned to the Open designation in the Route Evaluation Tree rosette reached through the evaluation process, if any in the rosette.

ttt.   RecomMitigateOpen

       i. Identifies the unique number assigned to the Mitigate Open designation in the Route Evaluation Tree rosette reached through the evaluation process, if any in the rosette.

uuu. RecomLimit

       i. Identifies the unique number assigned to the Limit designation in the Route Evaluation Tree rosette reached through the evaluation process, if any in the rosette.

vvv. RecomMitigateLimit

       i. Identifies the unique number assigned to the Mitigate Limit designation in the Route Evaluation Tree rosette reached through the evaluation process, if any in the rosette.

www. RecomClose

            i.   Identifies the unique number assigned to the Closed designation in the Route Evaluation Tree rosette reached through the evaluation process, if any in the rosette.

xxx.   Q1Memo
        i.   Identifies any additional information regarding the response to Question A of the Route Evaluation Tree.

yyy.   Q2Memo
        i.   Identifies any additional information regarding the response to Question C of the Route Evaluation Tree when Question A has been answered affirmatively.

zzz.   Q3Memo
        i.   Identifies any additional information regarding the response to the drop-down menus when Question A or C have been answered affirmatively.

aaaa.   Q4Memo
        i.   Identifies any additional information regarding the response to Questions B, F or G of the Route Evaluation Tree, depending upon which branch is followed.

bbbb.   Q5Memo
        i.   Identifies any additional information regarding the response to Questions D, H or J of the Route Evaluation Tree, depending upon which branch is followed.

cccc.   Q6Memo
        i.   Identifies any additional information regarding the response to Questions E, I or K of the Route Evaluation Tree, depending upon which branch is followed.

dddd.   Q7Memo
        i.   Identifies any additional information regarding the response to Questions L, M, N, O, P, Q, R, S, T, U, V or W of the Route Evaluation Tree, depending upon which branch is followed.

eeee.   Q8Memo
        i.   Identifies any additional information regarding the response to Questions X, Z, BB, DD, FF or HH of the Route Evaluation Tree, depending upon which branch is followed.

ffff.   Q9Memo
        i.   Identifies any additional information regarding the response to Questions JJ, KK or LL of the Route Evaluation Tree, depending upon which branch is followed.

gggg.   Q10Memo
        i.   Identifies any additional information regarding the response to Questions Y, AA, CC, EE, GG or II of the Route Evaluation Tree, depending upon which branch is followed.

hhhh.   RecommendBy1
        i.   Identifies an individual recommending the proposed designations.

iiii.   RecommendBy1Date
        i.   Identifies the date the proposed designations were made.

jjjj.   RecommendBy2
- i. Identifies an individual recommending the proposed designations.

kkkk.   RecommendBy2Date
- i. Identifies the date the proposed designations were made.

2. Field Definitions – Routes_Impacts_and_Access (Table)
   a. RouteNumber
      - i. Identifies individual routes that are part of the route designation process. This is the attribute field that is used to link to GIS.
   b. Category
      - i. Identifies whether the Impact/Access is related to CAPP (e.g. Commercial, Administrative, Private Property), Resources (e.g. wildlife, riparian, special management areas) or Recreational activities.
   c. Impact/Access
      - i. For CAPP: Identifies the access uses as a general category (e.g. administrative, commercial ranching, etc.)
      - ii. For Resources: Identifies the actual/potential resource impact as a general category (e.g. special management areas, wildlife species, soil, etc.)
      - iii. For Recreation: Identifies the specific public use of the route (e.g. hiking, sightseeing, equestrian, motorcycle, etc.)
   d. Specifically
      - i. For CAPP: Identifies the access uses as a specific sub-category of the Uses category (e.g. for the administrative category, whether the route is utilized for fire suppression, etc.)
      - ii. For Resources: Identifies the actual/potential resource impact as a specific sub-category of the Impacts category (e.g. for a specific wildlife species, whether the route is through the habitat or proximate to the habitat, etc.)
      - iii. For Recreation: Field not currently utilized for identification of Recreational activities.
   e. Primary
      - i. For CAPP: Identifies whether the route is the primary access for the specific access use.
      - ii. For Resources: Identifies whether the actual/potential resource impact is a direct impact.
      - iii. For Recreation: Identifies whether the route is primary for the public use.
   f. Secondary
      - i. For CAPP: Identifies whether the route is a secondary access for the specific access use.
      - ii. For Resources: Identifies whether the actual/potential resource impact is an indirect impact.
      - iii. For Recreation: Identifies whether the route is secondary for the public use.
   g. Tertiary
      - i. For CAPP: Identifies whether the route is a tertiary access for the specific access use.

ii. For Resources: Field not currently utilized for Resource impacts. Resource impacts are identified only as Direct (Primary) or Indirect (Secondary) impacts.

iii. For Recreation: Identifies whether the route is tertiary for the public use.

h. ItemMemo

i. For CAPP: Identifies additional information regarding the specific access use of the route.

ii. For Resources: Identifies additional information regarding the actual/potential resource impact.

iii. For Recreation: Identifies additional information regarding the specific public use of the route.

3. Field Definitions – Routes_Designations (Table)

a. RouteNumber

i. Identifies individual routes that are part of the route designation process. This is the attribute field that is used to link to GIS.

b. AgencyRouteName

i. Identifies a secondary route identification linked to agency-specific naming convention (name or number).

c. B

i. Identifies the designation for alternative B (O=Open, MO=Mitigate Open, L=Limit, ML=Mitigate Limit, C=Closed)

d. B_User

i. Identifies any user type limits that may apply when the designation is L or ML for alternative B.

e. B_Trans

i. Identifies any transportation type limits that may apply when the designation is L or ML for alternative B.

f. B_Season

i. Identifies any seasonal limits that may apply when the designation is L or ML for alternative B.

g. B_Other

i. Identifies any other limits that may apply when the designation is L or ML for alternative B.

h. B_MO_Mitigation

i. Identifies the mitigations when the designation is MO for alternative B.

i. B_ML_Mitigation

i. Identifies the mitigations when the designation is ML for alternative B.

j. B_Closure_From

i. Identifies the specific start and end dates (if stated) of a closure for a L or ML designation for alternative B.

k. B_Closure_Other

i. Identifies the general timeframe for closure (if stated) for a L or ML designation for alternative B (e.g. lambing season).

l. C

        i. Identifies the designation for alternative C (O=Open, MO=Mitigate Open, L=Limit, ML=Mitigate Limit, C=Closed)

m. C_User
        i. Identifies any user type limits that may apply when the designation is L or ML for alternative C.

n. C_Trans
        i. Identifies any transportation type limits that may apply when the designation is L or ML for alternative C.

o. C_Season
        i. Identifies any seasonal limits that may apply when the designation is L or ML for alternative C.

p. C_Other
        i. Identifies any other limits that may apply when the designation is L or ML for alternative C.

q. C_MO_Mitigation
        i. Identifies the mitigations when the designation is MO for alternative C.

r. C_ML_Mitigation
        i. Identifies the mitigations when the designation is ML for alternative C.

s. C_Closure_From
        i. Identifies the specific start and end dates (if stated) of a closure for a L or ML designation for alternative C.

t. C_Closure_Other
        i. Identifies the general timeframe for closure (if stated) for a L or ML designation for alternative C (e.g. lambing season).

u. D
        i. Identifies the designation for alternative D (O=Open, MO=Mitigate Open, L=Limit, ML=Mitigate Limit, C=Closed)

v. D_User
        i. Identifies any user type limits that may apply when the designation is L or ML for alternative D.

w. D_Trans
        i. Identifies any transportation type limits that may apply when the designation is L or ML for alternative D.

x. D_Season
        i. Identifies any seasonal limits that may apply when the designation is L or ML for alternative D.

y. D_Other
        i. Identifies any other limits that may apply when the designation is L or ML for alternative D.

z. D_MO_Mitigation
        i. Identifies the mitigations when the designation is MO for alternative D.

aa. D_ML_Mitigation
        i. Identifies the mitigations when the designation is ML for alternative D.

bb. D_Closure_From
        i. Identifies the specific start and end dates (if stated) of a closure for a L or ML designation for alternative D.

cc. D_Closure_Other
  i. Identifies the general timeframe for closure (if stated) for a L or ML designation for alternative D (e.g. lambing season).

dd. E
  i. Identifies the designation for alternative E (O=Open, MO=Mitigate Open, L=Limit, ML=Mitigate Limit, C=Closed)

ee. E_User
  i. Identifies any user type limits that may apply when the designation is L or ML for alternative E.

ff. E_Trans
  i. Identifies any transportation type limits that may apply when the designation is L or ML for alternative E.

gg. E_Season
  i. Identifies any seasonal limits that may apply when the designation is L or ML for alternative E.

hh. E_Other
  i. Identifies any other limits that may apply when the designation is L or ML for alternative E.

ii. E_MO_Mitigation
  i. Identifies the mitigations when the designation is MO for alternative E.

jj. E_ML_Mitigation
  i. Identifies the mitigations when the designation is ML for alternative E.

kk. E_Closure_From
  i. Identifies the specific start and end dates (if stated) of a closure for a L or ML designation for alternative E.

ll. E_Closure_Other
  i. Identifies the general timeframe for closure (if stated) for a L or ML designation for alternative E (e.g. lambing season).

4. Field Definitions – Routes_Designations_Detail (Table)
  a. RouteNumber
    i. Identifies individual routes that are part of the route designation process. This is the attribute field that is used to link to GIS.
  b. Alt
    i. Identifies the alternative for which the proposed designation applies.
  c. PrefComposite
    i. Identifies which alternative the Preferred alternative is based upon.
  d. RecOpen
    i. Identifies the proposed designation for the route is "Open".
  e. OpenAllUses
    i. Identifies the route will be open to all uses.
  f. RecMitigateOpen
    i. Identifies the proposed designation for the route is "Mitigate Open".
  g. MitOpenOther
    i. Identifies whether other mitigation measures have been identified.
  h. MitOpenOtherText

      i. Identifies the other mitigation measures that have been identified.

i. RecLimit
  - i. Identifies the proposed designation for the route is "Limit".

j. LimitUser
  - i. Identifies a proposed limit for the route is by user type.

k. LimitUserMotorizedAdmin
  - i. For user type limit, the use of the route is limited to motorized administrative use.

l. LimitUserPermitRanching
  - i. For user type limit, the use of the route is limited to ranching use.

m. LimitUserGroupSize
  - i. For user type limit, the use of the route is limited by group size.

n. LimitUserPermitOther
  - i. For user type limit, the use of the route is limited to other type of permitted use.

o. LimitUserPermitText
  - i. For user type limit, the use of the route is limited to the specifics regarding the other type of permitted use.

p. LimitUserPropOwner
  - i. For user type limit, the use of the route is limited to private property access.

q. LimitUserNMAdmin
  - i. For user type limit, the use of the route is limited to non-motorized administrative use.

r. LimitUserNMPermitRanching
  - i. For user type limit, the use of the route is limited to non-motorized ranching use.

s. LimitUserATVAdmin
  - i. For user type limit, the use of the route is limited to ATV administrative use.

t. LimitUserATVPermitRanching
  - i. For user type limit, the use of the route is limited to ATV ranching use.

u. LimitTransportation
  - i. Identifies a proposed limit for the route is by transportation type.

v. LimitTransAllTerrain
  - i. For transportation type limit, the use of the route is limited to ATV use.

w. LimitTransNonMotor
  - i. For transportation type limit, the use of the route is limited to non-motorized uses.

x. LimitTransNonMandM
  - i. For transportation type limit, the use of the route is limited to non-motorized and non-mechanical uses.

y. LimitTransNonMotorUser
  - i. Non-motorized transportation type applies to the users identified under user limits.

z. LimitTransATVUser

      i. ATV transportation type applies to the users identified under user limits.

aa. LimitSeason
      i. Identifies a proposed limit for the route is a season closure.

bb. MCA
      i. Identifies the seasonal limit as a "Seasonal / Temporary Motorized Closure to All Uses (except emergency admin use)" (MCA).

cc. MCA_When_From
      i. Identifies the MCA closure starting date, if specific date is applicable.

dd. MCA_When_To
      i. Identifies the MCA closure ending date, if specific date is applicable.

ee. MCA_When_Other
      i. Identifies other specific information about the dates for the MCA closure.

ff. MCA_Why_Wildlife
      i. Identifies the MCA closure is for wildlife impacts.

gg. MCA_Why_Wildlife_Bighorn
      i. Identifies the MCA closure for wildlife impacts is for bighorn sheep.

hh. MCA_Why_Wildlife_OtherReason
      i. Identifies the MCA closure for wildlife impacts is for other reason.

ii. MCA_Why_Wildlife_OtherReasonText
      i. Identifies the other reason for the MCA closure for wildlife.

jj. OC
      i. Identifies the seasonal limit as an "Other Closures / Limits" (OC).

kk. OC_When_From
      i. Identifies the OC closure starting date, if specific date is applicable.

ll. OC_When_To
      i. Identifies the OC closure ending date, if specific date is applicable.

mm. OC_Why_OtherText
      i. Identifies the reason(s) for the OC.

nn. RecMitigateLimit
      i. Identifies the proposed designation for the route is "Mitigate Limit".

oo. MitLimitOther
      i. Identifies whether other mitigation measures have been identified.

pp. MitLimitOtherText
      i. Identifies the other mitigation measures that have been identified.

qq. RecClose
      i. Identifies the proposed designation for the route is "Closed".

rr. CloseAllUses
      i. Identifies the route will be closed.

ss. CloseReclaim
      i. Identifies the route will be allowed to reclaim naturally.

tt. AltComposite
      i. Identifies which alternative the current alternative is copied from (if any) when entering the designations into the software.